

Campaign

Have a research idea?



Technology Transfer Concrete Consortium (FY20-24) (#3498)

Author:



Submitted anonymously...

Construction

Maintenance & Preservation

Materials

Pavements

08/05/2021 - 4:55pm | Active

Description

Increasingly, state departments of transportation (DOTs) are challenged to design and build longer life concrete pavements that result in a higher level of user satisfaction for the public. One of the strategies for achieving longer life pavements is to use innovative materials and construction optimization technologies and practices. In order to foster new technologies and practices, experts from state DOTs, Federal Highway Administration (FHWA), academia and industry must collaborate to identify and examine new concrete pavement research initiatives. The purpose of this pooled fund project is to identify, support, facilitate and fund concrete research and technology transfer initiatives.

<https://www.pooledfund.org/Details/Study/661>

Is this related to or a continuation of a previous Iowa DOT research project?

Yes

Previous Project Number

TPF-5(313)

Previous Project Title

Technology Transfer Concrete Consortium

Relationship to Previous Project

Next Phase

Does this idea include matching funds?

No

Anticipated Benefits

The goal of the TTCC is to:

- Identify needed research priorities by region
- Provide a forum for technology exchange between participants
- Develop and fund technology transfer materials
- Provide on-going communication of research needs faced by state agencies to the FHWA, industry, and CP Tech Center
- Provide technical leadership for concrete related national initiatives to advance state-of-the-art construction and material practices

It is anticipated that this consortium would become the national forum for state involvement in the technical exchange needed for collaboration and new initiatives and provide tactical strategies and solutions to issues identified by the member states.

Focus Area

Sustainability / Technology

Research Program

SPR / 776: Pooled Fund Studies - IA Lead

Project Title

Technology Transfer Concrete Consortium

Project Number

TPF-5(437)

Contracted Agency

Iowa State University

Funding Program

State Planning and Research

Project Funding

\$60,000

Project Funding Including External Sources

\$1,660,000

Project Start Date

01/01/2020

Current Project End Date

12/31/2023

Partner Agencies

Alabama DOT
California DOT
Colorado DOT
Florida DOT
Georgia DOT
Idaho DOT
Illinois DOT
Indiana DOT
Kansas DOT
Kentucky DOT
Massachusetts DOT
Michigan DOT
Minnesota DOT
Missouri DOT
Montana DOT
Nebraska DOT
Nevada DOT
New York DOT
North Carolina DOT
North Dakota DOT
Ohio DOT
Oklahoma DOT
Oregon DOT
Pennsylvania DOT
South Carolina DOT
South Dakota DOT
Tennessee DOT
Texas DOT
Utah DOT
Washington DOT
West Virginia DOT
Wisconsin DOT
Wyoming DOT

Project Champion:



John Ha..

Project Manager:



Khyle Clu..

Task Management

No Results Found

Expert Management

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Comments

No Comments